

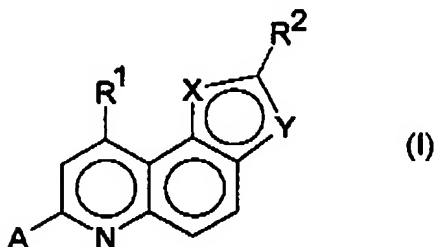
Serial No. 10/805,860

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (original) A compound of formula (I),



wherein the elements X, Y, A, R¹, R² and R³ have the following meanings:

X denotes a nitrogen atom (N), oxygen atom (O) or sulphur atom (S);

Y denotes a nitrogen atom, if X denotes an oxygen atom or sulphur atom;

Y denotes a nitrogen atom with a bound group R³ or a sulphur atom or an oxygen atom, if X denotes a nitrogen atom;

A denotes an unsubstituted or substituted mono-, di- or tricyclic aromatic group, which contains either no or 1-3 heteroatoms selected from nitrogen, oxygen and sulphur, at least one of the heteroatoms being a nitrogen atom;

R¹ denotes hydroxy, fluorine, chlorine or bromine, amino, (C₁₋₆)alkylamino, di(C₁₋₆)alkylamino, (C₃₋₇)cycloalkylamino, di(C₃₋₇)cycloalkylamino, (C₁₋₆)alkyl-(C₃₋₇)cycloalkylamino, acetidin-1-yl, pyrrolidin-1-yl, pyrrolin-1-yl, imidazolidin-1-yl, imidazolin-1-yl, pyrazolidin-1-yl, pyrazolin-1-yl, piperidin-1-yl, piperazin-1-yl, morpholin-4-yl, thiomorpholin-4-yl, thiomorpholin-S-oxid-4-yl, thiomorpholin-S-dioxid-4-yl, or hexamethyleneimino; and

R² and R³ independently of one another denote hydrogen, (C₁₋₈)alkyl or (C₃₋₇)cycloalkyl, or a salt thereof.

2. (original) The compound of claim 1, wherein the group A is phenyl, pyridyl, pyrimidyl, pyridazinyl, pyrazinyl, imidazolyl, pyrazolyl, oxazolyl, isoxazolyl, furazanyl, thiazolyl, isothiazolyl or pyrrolyl, unsubstituted or substituted by the groups R⁴, R⁵ and R⁶, where R⁴, R⁵

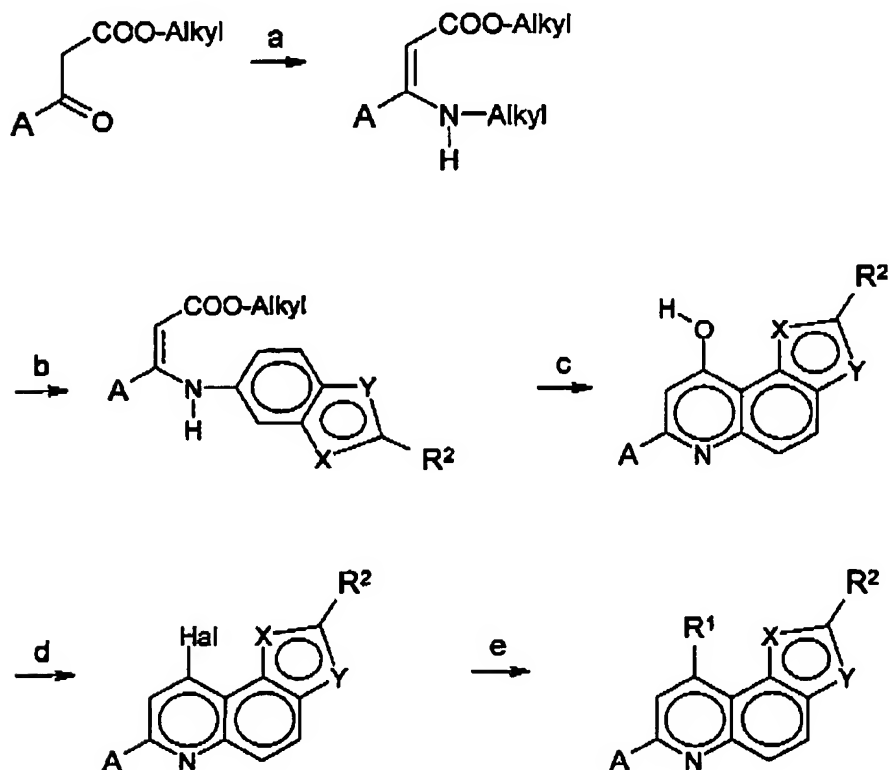
Serial No. 10/805,860

and R⁶ independently of one another denote hydrogen, (C₁₋₈)alkyl, monofluoro(C₁₋₅)alkyl, difluoro(C₁₋₅)alkyl, trifluoro(C₁₋₅)alkyl, (C₃₋₇)cycloalkyl, hydroxy, (C₁₋₆)alkoxy, fluoromethyloxy, difluoromethyloxy, trifluoromethyloxy, (C₃₋₆)cycloalkyloxy, fluorine, chlorine, bromine, carboxy, (C₁₋₆)alkoxycarbonyl, amino, (C₁₋₆)alkylamino, di(C₁₋₆)alkylamino, acetidin-1-yl, pyrrolidin-1-yl, piperidin-1-yl, (C₁₋₄)acylamino, (C₁₋₆)alkyl-(C₁₋₄)acylamino, aminocarbonyl, (C₁₋₆)alkylaminocarbonyl, di(C₁₋₆)alkylaminocarbonyl, acetidin-1-yl-carbonyl, pyrrolidin-1-yl-carbonyl or piperidin-1-yl-carbonyl.

3. (original) The compound of claim 2, wherein the group A denotes pyridyl or fluorophenyl.
4. (original) The compound of claim 1, wherein the group R¹ denotes amino, methylamino or dimethylamino.
5. (original) The compound of claim 1, wherein the group R² denotes methyl.
6. (original) The compound of claim 1, wherein the group R³ denotes methyl.
7. (original) The compound of claim 1 selected from among the compounds:
3-methyl-9-methylamino-7-(pyridin-4-yl)-3H-imidazo[4,5-f]quinoline;
7-(3-fluorophenyl)-3-methyl-9-methylamino-3H-imidazo[4,5-f]quinoline;
9-dimethylamino-7-(3-fluorophenyl)-3-methyl-3H-imidazo[4,5-f]quinoline;
9-dimethylamino-7-(3-fluorophenyl)-2-methyl-thiazolo[4,5-f]quinoline;
9-dimethylamino-7-(3-fluorophenyl)-thiazolo[5,4-f]quinoline;
7-(3-fluorophenyl)-2-methyl-9-methylamino thiazolo[4,5-f]quinoline;
9-dimethylamino-3-methyl-7-(pyridin-3-yl)-3H-imidazo[4,5-f]quinoline;
3-methyl-9-methylamino-7-(pyridin-3-yl)-3H-imidazo[4,5-f]quinoline;
2-methyl-9-methylamino-7-(pyridin-3-yl)-thiazolo[4,5-f]quinoline; and
9-dimethylamino-2-methyl-7-(pyridin-3-yl)-thiazolo[4,5-f]quinoline.

Serial No. 10/805,860

8. (original) A process for preparing a compound of claim 1, wherein a 3-oxo-propionic acid ester, the carbonyl group of which is bound to the desired group A, is reacted according to the following reaction plan to give a compound according to the invention, wherein



process step a is carried out in the presence of a primary amine;

process step b is carried out in the presence of the desired amino derivative of benzimidazole, benzoxazole or benzthiazole;

process step c is carried out in the presence of a suitable solvent;

process step d is carried out in the presence of a halogenating agent; and

process step e is carried out in the presence of the desired amine.

9. (currently amended) A pharmaceutical composition comprising as an active ingredient a therapeutically effective amount of the compound of claim 1 and a pharmaceutically acceptable carrier.

Serial No. 10/805,860

10. (original) A method for alleviating or treating pain in a warm blooded animal, comprising administering a therapeutically effective amount of a compound of claim 1.